Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125582.D
Acq On : 23 Sep 2021 9:36
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/24/2021 5:29:53 PM

Quant Time: Sep 23 11:30:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	281392	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1114975	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	575437	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	940221	20.000	ng	0.00
76) Chrysene-d12	14.063	240	534888	20.000	ng	0.00
86) Perylene-d12	15.539	264	475682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1297716	72.929	ng	0.00
7) Phenol-d6	6.522	99	1672072	72.880	ng	0.00
23) Nitrobenzene-d5	7.463	82	1401483	80.172	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	449936	79.829	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2581151	80.623	ng	0.00
79) Terphenyl-d14	13.010	244	2399887	72.452	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	267012	37.217	ng	# 100
3) Pyridine	3.451	79	717583	37.327	ng	# 73
4) n-Nitrosodimethylamine	3.404	42	266618	35.163	ng	# 5
6) Aniline	6.563	93	975877	36.946	ng	93
8) 2-Chlorophenol	6.687	128	764362	37.616	ng	97
9) Benzaldehyde	6.445	77	443988	39.732	ng	92
10) Phenol	6.534	94	850884	36.437	ng	91
11) bis(2-Chloroethyl)ether	6.634	93	678618	36.349	ng	99
12) 1,3-Dichlorobenzene	6.839	146	805492	36.882	ng	97
13) 1,4-Dichlorobenzene	6.916	146	819284	37.113	ng	98
14) 1,2-Dichlorobenzene	7.069	146	761826	36.950	ng	99
15) Benzyl Alcohol	7.034	79	605109	36.855	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	900920	35.071	ng	89
17) 2-Methylphenol	7.139	107	596180	36.757	ng	98
18) Hexachloroethane	7.416	117	288979	36.766	ng	90
19) n-Nitroso-di-n-propyla...	7.316	70	484307	35.270	ng	# 68
20) 3+4-Methylphenols	7.298	107	732922	36.342	ng	92
22) Acetophenone	7.310	105	929356	36.025	ng	# 89
24) Nitrobenzene	7.481	77	716679	38.689	ng	97
25) Isophorone	7.722	82	1349720	35.879	ng	95
26) 2-Nitrophenol	7.792	139	382274	45.829	ng	90
27) 2,4-Dimethylphenol	7.828	122	618022	36.969	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	781323	36.149	ng	97
29) 2,4-Dichlorophenol	8.034	162	635541	37.606	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	666894	37.443	ng	96
31) Naphthalene	8.204	128	2086592	36.439	ng	98
32) Benzoic acid	7.939	122	437179m	43.070	ng	
33) 4-Chloroaniline	8.245	127	871248	37.120	ng	100
34) Hexachlorobutadiene	8.322	225	377406	37.578	ng	99
35) Caprolactam	8.622	113	179644	38.760	ng	# 82
36) 4-Chloro-3-methylphenol	8.722	107	618770	37.273	ng	98
37) 2-Methylnaphthalene	8.892	142	1426398	36.777	ng	99
38) 1-Methylnaphthalene	8.992	142	1328218	36.498	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	583862	37.683	ng	98
41) Hexachlorocyclopentadiene	9.051	237	314246	36.267	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	451149	38.646	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	480880	39.252	ng		91
46) 1,1'-Biphenyl	9.357	154	1602224	36.954	ng		96
47) 2-Chloronaphthalene	9.386	162	1334037	37.045	ng		97
48) 2-Nitroaniline	9.475	65	343964	44.763	ng		91
49) Acenaphthylene	9.798	152	1960067	37.036	ng		97
50) Dimethylphthalate	9.657	163	1488237	37.579	ng		98
51) 2,6-Dinitrotoluene	9.716	165	338108	42.912	ng		96
52) Acenaphthene	9.975	154	1235704	36.988	ng		97
53) 3-Nitroaniline	9.886	138	359099	42.913	ng		94
54) 2,4-Dinitrophenol	9.986	184	140155	49.375	ng	#	77
55) Dibenzofuran	10.145	168	1827687	36.866	ng		96
56) 4-Nitrophenol	10.033	139	289756	42.684	ng	#	84
57) 2,4-Dinitrotoluene	10.122	165	438117	46.399	ng	#	75
58) Fluorene	10.486	166	1322782	34.692	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.257	232	364565	39.620	ng	#	90
60) Diethylphthalate	10.357	149	1469854	37.658	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	617716	36.427	ng		92
62) 4-Nitroaniline	10.498	138	330509	43.706	ng	#	77
63) Azobenzene	10.639	77	1356382	35.765	ng		85
65) 4,6-Dinitro-2-methylph...	10.527	198	214417	46.979	ng	#	73
66) n-Nitrosodiphenylamine	10.598	169	1243079	36.416	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	391929	36.476	ng		98
68) Hexachlorobenzene	11.033	284	448785	37.062	ng	#	89
69) Atrazine	11.122	200	362845	39.527	ng		94
70) Pentachlorophenol	11.222	266	275203	39.862	ng		96
71) Phenanthrene	11.451	178	1917131	36.300	ng		97
72) Anthracene	11.498	178	1922817	36.524	ng		97
73) Carbazole	11.651	167	1817269	36.498	ng		98
74) Di-n-butylphthalate	11.986	149	2138419	36.188	ng		99
75) Fluoranthene	12.633	202	1875661	36.200	ng		96
77) Benzidine	12.751	184	574300	37.866	ng		98
78) Pyrene	12.863	202	1881360	37.533	ng		95
80) Butylbenzylphthalate	13.480	149	771871	38.109	ng		95
81) Benzo(a)anthracene	14.051	228	1351256	37.111	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	414054	37.114	ng		97
83) Chrysene	14.086	228	1374044	37.357	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	935436	37.779	ng	#	99
85) Di-n-octyl phthalate	14.657	149	1560153	37.895	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.033	276	1316082	38.541	ng		98
88) Benzo(b)fluoranthene	15.104	252	1309111	37.630	ng		99
89) Benzo(k)fluoranthene	15.133	252	1160386	36.471	ng	#	96
90) Benzo(a)pyrene	15.474	252	1140951	37.682	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	1121793	38.762	ng		98
92) Benzo(g,h,i)perylene	17.486	276	1102616	38.602	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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